

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
2 June 2005 (02.06.2005)

PCT

(10) International Publication Number
WO 2005/048764 A1

(51) International Patent Classification⁷: **A44C 17/00**

(21) International Application Number:
PCT/EP2003/012334

(22) International Filing Date:
5 November 2003 (05.11.2003)

(25) Filing Language: English

(26) Publication Language: English

(71) Applicant (*for all designated States except US*): **DI-AMSCAN N.V.** [BE/BE]; Schupstraat 17, B-2018 Antwerpen (BE).

(72) Inventor; and

(75) Inventor/Applicant (*for US only*): **CEULEMANS, Tom** [BE/BE]; Romestraat 38, B-2660 Antwerpen (Hoboken) (BE).

(74) Agent: **BRANTS, Johan, Philippe, Emile**; De Clercq, Brants & Partners, E. Gevaertdreef 10a, B-9830 Sint-Martens-Latem (BE).

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

— *of inventorship (Rule 4.17(iv)) for US only*

Published:

— *with international search report*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: **DEVICE AND KIT FOR VISUALISING A CUTTING REGIME OF A DIAMOND, AND A METHOD FOR DETERMINING A CUTTING REGIME**

(57) Abstract: The present invention relates to a kit for visualising a cutting regime of a rough diamond comprising: (a) a solid, translucent substance into which three dimensional images are marked, said markings indicating: (i) the outer surface of the original rough diamond, (ii) optionally, the internal defects of the rough diamond, said markings indicating the position and shape of said defects with respect of the rough diamond, (iii) optionally, the outer surface of one or more cut diamonds, said markings indicating the position and shape of said cut diamonds with respect of the rough diamond, and (b) solid, physical representations of one or more diamonds indicated by the markings of item (iii), and/or solid, physical representation of the rough diamond, corresponding to the markings of item (i), and/or one or more actual cut diamonds indicated by the markings of item (iii). The present invention further relates to a computer readable medium comprising data regarding the cut stone and the original rough diamond.



WO 2005/048764 A1